

PHYSIO-CONTROL® FIRST MEDIC™ 510

- AED Defibrillator
- Option: Quick combo Pads
- Storage compartments for batteries, tapes, modules
- Configurable operation to meet changing protocols
- Automated documentation of incidents for case review.
- Fiberglass reinforced composite case



Typical Manufacturer's Picture

Specifications

Defibrillator

Waveform: Edmark-Lown type critically damped with a nominal 50 ohm load and no more than 10% undershoot with a 30 ohm load. **Energy levels:** 200, 300, 360 J. **Charge time:** 9 seconds to 200 J, 15 seconds to 360 J. **Operating Mode:** semi-automatic. **Treatable rhythms:** ventricular fibrillation >0.1 mV, ventricular tachycardia >180 bpm. **Analysis time:** 6 to 9 seconds, defibrillator begins charging 3 to 6 seconds after pressing ANALYSE. **Continuous analysis:** continually analyses ECG while patient is connected to defibrillator; alerts operator when treatable rhythms is detected for all protocols except Protocol 2. **Continuous impedance test:** patient impedance checked twice each second for contact integrity. **Defibrillator patient impedance range:** 30 to 200 ohms. **Input:** via disposable defibrillation electrodes or ECG monitoring electrodes. **Input protection:** withstands up to 360J discharges. **Input offset tolerance:** up to 1.5 VDC between electrodes. **Monitoring modes:** defibrillation controls automatically disabled when monitoring electrodes used. **Monitor mode patient impedance range:** 300 to 2000 ohms. **Controls:** On/Off analyze, change energy, shock. **Displays:** LCD, 16 characters x 2 rows: LEDs for ON, analyze, energy select, shock. **LCD backlighting:** automatically activated in low light. **Displayed messages:** time, elapsed time, testing, test ok, analyzing, charging, energy selected, shock number, stand clear, check electrodes, low battery, tape, module, needs service, service mandatory, no shock indicated, shock indicated, protocol#, software version, serial#. **Audible messages:** check electrodes, check patient, check pulse, press to analyze, stand clear, press to shock. **Cable length:** 6.5 ft (2 m). **Cable connection:** permanently attached to defibrillator case.

Voice/ECG Recorder

Cassette tape: MC-60 microcassette. **Recording time:** 30 minutes per side. **Control:** automatic when power is on. **Channel 1:** patient ECG, frequency response 2 to 20 Hz. **Channel 2:** area sounds, frequency response 300 to 2000 Hz.

Electrical

Operating voltage: 12VDC **Maximum current:** 7 Amps (charging). **Power consumption:** 5 watts nominal (resting), 84 watts maximum (charging)

Physical Dimensions

Height: 8.75 in (22.5 cm)
Depth: 6.25 in (15.9 cm)
Width: 12.25 in (31.1 cm)
Weight: 14 lbs (6.3 kg) excluding batteries

Soma Technology, Inc. acknowledges all registered trademarks of manufactures' listed.
The technical data given in this publication are for general information and is subject to change without notice.



1486 Highland Ave Unit #3 Cheshire, CT 06410 U.S.A.
Tel: (203) 272-2300 Fax: (203) 272-2250 Email: soma@somatechnology.com